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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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In re application of

Group Art Unit: 2878

Koichi Mukasa, Makoto Sawamura,
Kazuhisa Sueoka, and Eiichi Hirota

Application No. 10/092,343

Filed: March 5, 2002

For: SCANNING MAGNETISM
DETECTOR AND PROBE

Date: June 6, 2002

Examiner:

I HEREBY CERTIFY THAT THIS CORRESPONDENCE
IS BEING DEPOSITED WITH THE UNITED STATES
POSTAL SERVICE AS FIRST CLASS MAIL IN AN
ENVELOPE ADDRESSED TO:
COMMISSIONER FOR PATENTS
WASHINGTON, DC 20231

ON: June 6, 2002

Connie English
Signature

Connie English
Typed Name

TRANSMITTAL LETTER

TO THE COMMISSIONER FOR PATENTS:

Enclosed for filing in the above-referenced application are the following:

- Fee Transmittal in duplicate
- Notice to File Missing Parts of Nonprovisional Application (copy)
- Patent Application Fee Determination Record
- Combined Declaration and Power of Attorney
- Letter Explaining Fee Payment
- Check for \$602.00
- Return receipt postcard

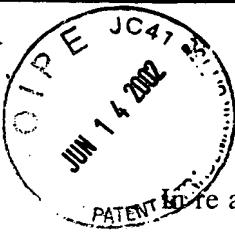
The Commissioner is hereby authorized to charge any additional fees which may be required in connection with filing of these papers, or credit overpayment, to Account No. 19-4455. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

Koichi Mukasa, Makoto Sawamura,
Kazuhisa Sueoka, and Eiichi Hirota

By *Paul S. Angello*
Paul S. Angello
Registration No. 30,991

STOEL RIVES LLP
900 SW Fifth Avenue, Suite 2600
Portland, Oregon 97204-1268
Telephone: (503) 224-3380
Facsimile: (503) 220-2480
Attorney Docket No. 12336/7:1



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT COPIES application of

Koichi Mukasa, Makoto Sawamura,
Kazuhisa Sueoka, and Eiichi Hirota

Group Art Unit: 2878

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ORIGINALLY FILED

Application No. 10/092,343

Filed: March 5, 2002

For: SCANNING MAGNETISM
DETECTOR AND PROBE

Date: June 6, 2002

Examiner:

LETTER EXPLAINING FEE PAYMENT

TO THE COMMISSIONER FOR PATENTS:

The enclosed \$602.00 fee payment is less than the \$647.00 balance due by applicant indicated on the Notice to File Missing Parts of Nonprovisional Application ("Notice"). This is so because the Notice indicates that there are eight (8) total claims over 20. Applicants count only three (3) total claims over 20, representing five (5) fewer claims or \$45.00 less cost than that stated in the Notice.

If they are somehow miscounting the total number of claims, applicants have authorized on the accompanying Fee Transmittal form a charge of any additional fee to the deposit account indicated to satisfy the consequent underpayment.

Respectfully submitted,

**Koichi Mukasa, Makoto Sawamura,
Kazuhisa Sueoka, and Eiichi Hirota**

By 
Paul S. Angello
Registration No. 30,991

STOEL RIVES LLP
900 SW Fifth Avenue, Suite 2600
Portland, Oregon 97204-1268
Telephone: (503) 224-3380
Facsimile: (503) 220-2480
Attorney Docket No. 12336/7:1

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$ 602.00)

Complete if Known

Application Number	10/092,343
Filing Date	03/05/2002
First Named Inventor	Koichi Mukasa
Examiner Name	
Group Art Unit	2878
Attorney Docket No.	12336/7:1

METHOD OF PAYMENT

1. The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number 19-4455
Deposit Account Name Stoel Rives LLP

Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17

Applicant claims small entity status. See 37 CFR 1.27

2. Payment Enclosed:

Check Credit card Money Order Other

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Small Entity

Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
101	740	Utility filing fee	370.00
106	330	Design filing fee	
107	510	Plant filing fee	
108	740	Reissue filing fee	
114	160	Provisional filing fee	
SUBTOTAL (1)		(\$) 370.00	

2. EXTRA CLAIM FEES

Total Claims	Extra Claims	Fee from below	Fee Paid
23	-20** = 3	9.00	27.00
Independent Claims	2 - 3** = 0	42.00	0.00
Multiple Dependent		140.00	140.00

Large Entity Small Entity

Fee Code (\$)	Fee Code (\$)	Fee Description
103	18	Claims in excess of 20
102	84	Independent claims in excess of 3
104	280	Multiple dependent claim, if not paid
109	84	** Reissue independent claims over original patent
110	18	** Reissue claims in excess of 20 and over original patent
SUBTOTAL (2)		(\$) 167.00

**or number previously paid, if greater; For Reissues, see above

3. ADDITIONAL FEES

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
105	130	Surcharge - late filing fee or oath	65.00
127	50	Surcharge - late provisional filing fee or cover sheet	
139	130	Non-English specification	
147	2,520	For filing a request for ex parte reexamination	
112	920*	Requesting publication of SIR prior to Examiner action	
113	1,840*	Requesting publication of SIR after Examiner action	
115	110	Extension for reply within first month	
116	400	Extension for reply within second month	
117	920	Extension for reply within third month	
118	1,440	Extension for reply within fourth month	
128	1,960	Extension for reply within fifth month	
119	320	Notice of Appeal	
120	320	Filing a brief in support of an appeal	
121	280	Request for oral hearing	
138	1,510	Petition to institute a public use proceeding	
140	110	Petition to revive - unavoidable	
141	1,280	Petition to revive - unintentional	
142	1,280	Utility issue fee (or reissue)	
143	460	Design issue fee	
144	620	Plant issue fee	
122	130	Petitions to the Commissioner	
123	50	Processing fee under 37 CFR 1.17(q)	
126	180	Submission of Information Disclosure Stmt	
581	40	Recording each patent assignment per property (times number of properties)	
146	740	Filing a submission after final rejection (37 CFR § 1.129(a))	
149	740	For each additional invention to be examined (37 CFR § 1.129(b))	
179	740	Request for Continued Examination (RCE)	
169	900	Request for expedited examination of a design application	
Other fee (specify) _____			

*Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$ 65.00)

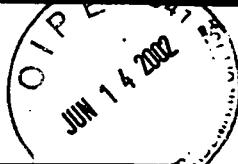
SUBMITTED BY

Complete (if applicable)

Name (Print/Type)	Paul S. Angello	Registration No. (Attorney/Agent)	30,991	Telephone	503-220-3380
Signature				Date	06/06/2002

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



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PATENT APPLICATION FEE DETERMINATION RECORD

Application or Docket Number
10/092,343

CLAIMS AS FILED - PART I

(Column 1) (Column 2)

FOR	NUMBER FILED	NUMBER EXTRA
BASIC FEE (37 CFR 1.16(a))		
TOTAL CLAIMS (37 CFR 1.16(c))	23	minus 20 = * 3
INDEPENDENT CLAIMS (37 CFR 1.16(b))	2	minus 3 = * 0
MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(d))		

* If the difference in column 1 is less than zero, enter "0" in column 2

CLAIMS AS AMENDED - PART II

(Column 1) (Column 2) (Column 3)

AMENDMENT A	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA
	Total (37 CFR 1.16(c))	*	Minus **	=
Independent (37 CFR 1.16(b))	*	Minus ***		=
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d))				

SMALL ENTITY

OR

OTHER THAN SMALL ENTITY

RATE FEE

RATE	FEEL
	\$ 370
x \$ 9	= 27
x 42	= 0
+ 140	= 140

TOTAL \$537.00

OR TOTAL

OTHER THAN SMALL ENTITY

RATE ADDI-
TIONAL
FEE

RATE	ADDI- TIONAL FEE
x \$ _____	=
x _____	=
x _____	=
TOTAL ADDIT. FEE	

AMENDMENT B	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA
	Total (37 CFR 1.16(c))	*	Minus **	=
Independent (37 CFR 1.16(b))	*	Minus ***		=
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d))				

SMALL ENTITY

OR

RATE ADDI-
TIONAL
FEE

RATE	ADDI- TIONAL FEE
x \$ _____	=
x _____	=
x _____	=
TOTAL ADDIT. FEE	

AMENDMENT C	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA
	Total (37 CFR 1.16(c))	*	Minus **	=
Independent (37 CFR 1.16(b))	*	Minus ***		=
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d))				

RATE	ADDI- TIONAL FEE
x \$ _____	=
x _____	=
x _____	=
TOTAL ADDIT. FEE	

OR TOTAL

RATE ADDI-
TIONAL
FEE

AMENDMENT C	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA
	Total (37 CFR 1.16(c))	*	Minus **	=
Independent (37 CFR 1.16(b))	*	Minus ***		=
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d))				

RATE	ADDI- TIONAL FEE
x \$ _____	=
x _____	=
x _____	=
TOTAL ADDIT. FEE	

OR TOTAL

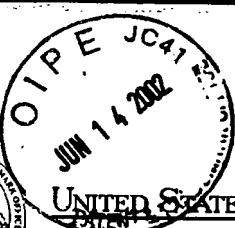
RATE ADDI-
TIONAL
FEE

* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.

** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".

*** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".

The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.



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Page 1 of 1

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UNITED STATES PATENT AND TRADEMARK OFFICE
WASHINGTON, D.C. 20231
www.uspto.gov

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/092,343	03/05/2002	Koichi Mukasa	12336/7:1

3528
STOEL RIVES LLP
900 SW FIFTH AVENUE
SUITE 2600
PORTLAND, OR 97204

CONFIRMATION NO. 7710

FORMALITIES LETTER



OC00000007822704

Date Mailed: 04/08/2002

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

Filing Date Granted

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The statutory basic filing fee is missing.
Applicant must submit \$ 370 to complete the basic filing fee for a small entity.
- Total additional claim fee(s) for this application is \$212.
 - \$72 for 8 total claims over 20.
 - \$140 for multiple dependent claim surcharge.
- The oath or declaration is unsigned.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(l) of \$65 for a small entity in compliance with 37 CFR 1.27, must be submitted with the missing items identified in this letter.
- **The balance due by applicant is \$ 647.**

07/08/2002 HTEKLEHI 00000001 194455 10092343

01 FC:203 45.00 CH

A copy of this notice MUST be returned with the reply.

[Signature]
Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE

06/19/2002 MBIZUNES 00000047 10092343

01 FC:201	370.00 DP
02 FC:205	65.00 DP
03 FC:203	27.00 DP
04 FC:204	140.00 DP